

# University of Pittsburgh

*School of Medicine*  
*Department of Radiation Oncology*

200 Lothrop Street  
Pittsburgh, Pennsylvania 15213  
Phone: 412-647-3607  
Fax: 412-647-6029

Joel Greenberger, MD  
*Professor and Chairman*

**TO:** UPCI Researchers/School of Medicine Researchers  
**FROM:** Joel S. Greenberger, M.D.  
**DATE:** November 3, 2005  
**SUBJECT:** Pilot Projects Funded through the Center for Medical Counter Measures Against Radiation (CMCR) Program

The National Institutes of Allergy and Infectious Diseases (NIAID) recently funded The University of Pittsburgh Center for Medical Counter Measures Against Radiation (CMCR) Program, and I am the Principal Investigator of this grant. I am seeking applications from qualified scientists for pilot projects in the specific area of mitochondrial targets for radiation protection. The attached announcement provides additional details.

I look forward to reading your proposals.

Joel S. Greenberger, M.D.

<b>Title:</b>	<b>Pilot Projects in Mitochondrial Targets for Irradiation Protection</b>
<b>Deadline(s):</b>	<b>Two Cycles for 2006: 1/1/06 and 7/1/06</b>
<b>Review/Award Information:</b>	<ul style="list-style-type: none"><li>Applicants are invited to submit a proposal for one year of funding, with the potential for renewal for second year.</li><li>The median funded level for one year will be \$35,000 to \$50,000 no indirect costs. For extraordinary applications felt to be of great potential significance, higher funding levels will be considered.</li></ul>
<b>Key Points:</b>	<ul style="list-style-type: none"><li>The University of Pittsburgh CMCR is a newly funded specialized program of projects and core facilities dedicated to drug discovery with a specific focus on mitochondrial targets for ionizing irradiation protection.</li><li>The overall scope of the Center is to provide new resources for contribution to the National Program of Counter Measures Against Terrorism Using Radiological Devices, and for providing new strategies for radiation detection, radiation dose measurement, and the development of new ionizing irradiation protectors (prior to radiation), radiation mitigators (administered after radiation exposure), or radiation therapeutic methods (those administered to patients already suffering from ionizing irradiation-induced medical complications).</li><li>The University of Pittsburgh Program is focused on the specific area of integration of basic chemistry with radiation biology. The scientists from the University of Pittsburgh CMCR are developing ways to interrupt ionizing irradiation induced cellular damage by targeting the critical steps mediating cell damage at the level of the mitochondrial membrane.</li><li>Projects are expected to be collaborative, synergistic, and/or in some way supportive of the three main projects of the CMCR. Potential applicants with proposals that may not quite meet this criterion are encouraged to contact Dr. Greenberger's office for advice before applying.</li></ul>
<b>Eligibility:</b>	Faculty scientists, postdoctoral fellows, and established investigators in their already established laboratory environment in the Oakland area who have preliminary data in support of a novel idea to develop new strategies for radiation protection at the level of the mitochondrion.
<b>Applications and Instructions:</b>	<ul style="list-style-type: none"><li><b>Full announcement and application instructions are provided in the attached document.</b></li><li><b>Applications should be sent to:</b> Joel S. Greenberger, M.D. Professor and Chairman, Department of Radiation Oncology University of Pittsburgh Medical Center 200 Lothrop Street Pittsburgh, PA 15213</li></ul>